

Flight-Testing Newton's Laws			
2007 Mathematics			
Core Curriculum			
Utah Mathematics			
Grades 7-12 (Algebra 1)			
Activity/Lesson	State	Standards	
Session-10 (1-5)	UT	MA.7-12.3.1.a	Simplify and evaluate monomial expressions and formulas.
Session-10 (1-5)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-10 (1-5)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
Session-1 (1-17)	UT	MA.7-12.2.2.d	Interpret the slope of a linear function as a rate of change in real-world situations.
Session-1 (1-17)	UT	MA.7-12.3.1.a	Simplify and evaluate monomial expressions and formulas.
Session-1 (1-17)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-1 (1-17)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
Session-2 (1-10)	UT	MA.7-12.2.2.d	Interpret the slope of a linear function as a rate of change in real-world situations.
Session-2 (1-10)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-2 (1-10)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
Session-3 (1-6)	UT	MA.7-12.2.2.d	Interpret the slope of a linear function as a rate of change in real-world situations.
Session-3 (1-6)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-3 (1-6)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
Session-4 (1-11)	UT	MA.7-12.2.2.d	Interpret the slope of a linear function as a rate of change in real-world situations.
Session-4 (1-11)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-4 (1-11)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
Session-5 (1-6)	UT	MA.7-12.2.2.d	Interpret the slope of a linear function as a rate of change in real-world situations.
Session-5 (1-6)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-5 (1-6)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
Session-6 (1-8)	UT	MA.7-12.2.2.d	Interpret the slope of a linear function as a rate of change in real-world situations.
Session-6 (1-8)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-6 (1-8)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
Session-7 (1-5)	UT	MA.7-12.2.2.d	Interpret the slope of a linear function as a rate of change in real-world situations.
Session-7 (1-5)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-7 (1-5)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
Session-8 (1-9)	UT	MA.7-12.2.2.d	Interpret the slope of a linear function as a rate of change in real-world situations.
Session-8 (1-9)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-8 (1-9)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.

Session-9 (1-7)	UT	MA.7-12.3.2.b	Solve real-world problems involving constant rates of change.
Session-9 (1-7)	UT	MA.7-12.3.2.c	Solve equations for a specified variable.
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2007 Mathematics			
Core Curriculum			
Utah Mathematics			
Grades 9-12 (Algebra 2)			
Activity/Lesson	State	Standards	
Session-10 (1-5)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-1 (1-17)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-2 (1-10)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-3 (1-6)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-4 (1-11)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-5 (1-6)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-6 (1-8)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-7 (1-5)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-8 (1-9)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Session-9 (1-7)	UT	MA.9-12.1.2.c	Solve application problems involving systems of equations and inequalities.
Flight-Testing Newton's Laws			
2007 Mathematics			
Core Curriculum			
Utah Mathematics			
Grades 10-12 (Precalculus)			
Activity/Lesson	State	Standards	
Session-10 (1-5)	UT	MA.10-12.2.1.e	Write an equation with given solutions.
Session-2 (1-10)	UT	MA.10-12.2.1.e	Write an equation with given solutions.
Session-2 (1-10)	UT	MA.10-12.3.3.c	Solve real-world applications of conic sections.
Session-4 (1-11)	UT	MA.10-12.2.1.e	Write an equation with given solutions.
Session-5 (1-6)	UT	MA.10-12.2.1.e	Write an equation with given solutions.
Session-6 (1-8)	UT	MA.10-12.2.1.e	Write an equation with given solutions.
Session-7 (1-5)	UT	MA.10-12.2.1.e	Write an equation with given solutions.